

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/005594

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl' F16F15/02, F16F15/023, F16F15/03, F16F15/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl' F16F15/00-F16F15/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2004
Kokai Jitsuyo Shinan Koho	1972-2004	Toroku Jitsuyo Shinan Koho	1994-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 95/28577 A1 (MINNESOTA MINING AND MANUFACTURING CO.), 26 October, 1995 (26.10.95), Page 11, line 31 to page 12, line 23; Fig. 13 & JP 10-504088 A	1-13
Y	CD-ROM of the specification and drawings annexed to the request of Japanese Utility Model Application No. 99714/1991 (Laid-open No. 42789/1993) (Oiles Corp.), 11 June, 1993 (11.06.93), Par. Nos. [0023] to [0026]; Fig. 4 (Family: none)	1-13

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
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- "&" document member of the same patent family

Date of the actual completion of the international search
07 June, 2004 (07.06.04)Date of mailing of the international search report
22 June, 2004 (22.06.04)Name and mailing address of the ISA/
Japanese Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2000-346129 A (Tokin Corp.), 12 December, 2000 (12.12.00), Par. No. [0011]; Fig. 1 (Family: none)	7-13
Y	JP 55-103131 A (Director General, Agency of Industrial Science and Technology), 07 August, 1980 (07.08.80), Page 1, right column, lines 7 to 16; Fig. 2 (Family: none)	10-13
A	JP 08-159203 A (Maeda Corp.), 21 June, 1996 (21.06.96), Par. No. [0004]; Fig. 1 (Family: none)	1-13